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(54) Cell surface molecule mediating cell adhesion and signal transmission

(57) Novel cell surface molecules recognized by
monoclonal antibodies against a cell surface molecule
of lymphocytic cells that play an important role in au-
toimmune diseases and allergic diseases have been
isolated, identified, and analyzed for their functions. The
cell surface molecules are expressed specifically in thy-

mocytes, lymphocytes activated by ConA-stimulation,
and peripheral blood lymphocytes, and induce cell ad-
hesion. Antibodies against the cell surface molecules
significantly ameliorate pathological conditions of au-
toimmune diseases and allergic diseases.

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	REDOGLIA V ET AL: "Characterization of H4: a mouse T lymphocyte activation molecule functionally associated with the CD3/Tcell receptor" EUR J IMMUNOL, vol. 26, 1996, pages 2781-2789, XP001013533 * abstract * * page 2783, right-hand column, paragraph 1 *	1-25	C07K14/705 C07K16/28 C07K9/00 C12N5/10 C12N15/12 C12P21/08 A01K67/027 A61K38/17 A61K39/395
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X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document			



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EUROPEAN SEARCH REPORT

Application Number

EP 04 02 2364

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ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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